

WBR 1452.246-80 Evaluation of Equipment Efficiency and Losses.

As prescribed in WBR 1446.710-80(a), insert a provision substantially the same as follows in solicitations (The solicitation section containing the evaluation factors for award shall either contain or reference this provision):

EVALUATION OF EQUIPMENT EFFICIENCY AND LOSSES -- BUREAU OF RECLAMATION (SEP 1995)

For the purpose of evaluating offers under this solicitation, the Government will apply the following factors to evaluate equipment efficiency or loss and to determine which offer provides the best overall value to the Government.

(End of provision)

Alternate I (SEP 1995) If a turbine, generator, motor, or a generator/motor operating as a generator, or as a motor, is to be acquired, add a paragraph substantially the same as the following paragraph :

In evaluating efficiency warranties for the _____ [*Insert name of equipment*] all offers warranting an efficiency (at ____ [*Insert "100" for equipment other than a motor or generator/motor operating as a motor; insert amount for a motor or generator/motor operating as a motor*] percent of rated output, voltage, and frequency, and ____ [*Insert number*] percent power factor) higher than ____ [*Insert number*] percent will be evaluated by deducting from the contract line item price offered for the _____ [*Insert name of equipment*] , \$____ [*Insert amount*] per _____ [*Insert name of equipment*] for each 1/100 of 1 percent that the warranted efficiency exceeds ____ [*Insert number*] percent. Offers warranting an efficiency (at 100 percent rated output, voltage, and frequency and ____ [*Insert number*] percent power factor) less than ____ [*Insert number*] percent are unacceptable and will be rejected as nonresponsive offers.

Alternate II (SEP 1995) If a generator armature winding is to be acquired, add a paragraph substantially the same as the following paragraph:

The losses for each generator armature winding will be evaluated on the basis of the warranted kilowatt loss for the armature winding (I²R), as stated in the "Warranted Characteristics," paragraph in the Supplies or services and prices section of The Schedule at ____ [*Insert number*] volts, rated frequency, ____ [*Insert number*] power factor, and ____ [*Insert number*] kilovolt-ampere output. The evaluated loss will be determined by multiplying the warranted kilowatt loss by \$____ [*Insert amount*] and the resulting amount will be added to the contract line item price offered for each armature winding.

Alternate III (SEP 1995) If an isolated-phase bus structure is to be acquired, add a paragraph substantially the same as the following paragraph:

The loss for each isolated-phase bus structure will be evaluated on the basis of the warranted kilowatt losses as stated in the "Warranted Characteristics," paragraph in the Supplies or services and prices section of The Schedule. The evaluated loss will be determined by multiplying the warranted kilowatt losses by \$____ [*Insert amount*] and the resulting amount will be added to the contract line item price offered for each isolated-phase bus structure.

Alternate IV (SEP 1995) If a shunt reactor is to be acquired, add a paragraph substantially the same as the following paragraph:

The loss for each shunt reactor will be evaluated on the basis of the warranted watt loss per kilovolt ampere at rated voltage and frequency as stated in the "Warranted Characteristics" paragraph in the Supplies or services and prices section of The Schedule. The evaluated loss will be determined by multiplying the warranted watt loss per kilovolt ampere by \$____ [*Insert amount*] and the resulting amount will be added to the contract line item price offered for each shunt reactor.

Alternate V (SEP 1995) If a transformer is to be acquired, add paragraphs substantially the same as the following paragraphs:

(a) The loss for each transformer will be evaluated on the basis of the warranted kilowatt loss and for voltage, frequency, and loading conditions, as stated in the "Warranted Characteristics" paragraph in the Supplies or services and prices section of The Schedule. The evaluated loss will be determined by multiplying the warranted kilowatt loss by the following rates:

No-load loss..... \$____ [*Insert rate*]

Load loss..... \$____ [*Insert rate*]

Total loss..... \$____ [*Insert rate*]

(b) The Government will consider load loss as the difference between the warranted total loss and the warranted no-load loss which are both stated in the "Warranted Characteristics" paragraph in the Supplies or services and prices section of The Schedule.

(c) The sum of the evaluated losses determined above will be multiplied by the number of transformers in the bid item and added to the contract price offered for the transformers.

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